

**ON-LINE DATA COMPRESSION ANALYSIS AND REGULATION****ABSTRACT OF THE DISCLOSURE**

5 Data compression efficacy in a data storage system is analyzed, and data  
compression modified in accordance with the results of such analysis, thereby saving  
otherwise wasted processor time when data compression is poor. Multiple input data  
blocks are received for storage in a data storage subsystem, and a predetermined  
compression process is applied thereto. Application of the predetermined compression  
10 process is evaluated according to a predetermined compression criteria. If the  
compression fails to satisfy the predetermined compression criteria, application of the  
predetermined compression process ceases.

F:\WP60\USERS\ATTY\DLH\PATENTS\1824\1824-117.PAT  
printed: May 23, 1997 (10:28am)

0866607.053097